

Wenyan Jiang

List of Publications by Year in descending order

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15
papers

18,170
citations

567144

15
h-index

996849

15
g-index

16
all docs

16
docs citations

16
times ranked

26733
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplex Genome Engineering Using CRISPR/Cas Systems. <i>Science</i> , 2013, 339, 819-823.	6.0	12,725
2	RNA-guided editing of bacterial genomes using CRISPR-Cas systems. <i>Nature Biotechnology</i> , 2013, 31, 233-239.	9.4	2,071
3	Programmable repression and activation of bacterial gene expression using an engineered CRISPR-Cas system. <i>Nucleic Acids Research</i> , 2013, 41, 7429-7437.	6.5	960
4	Exploiting CRISPR-Cas nucleases to produce sequence-specific antimicrobials. <i>Nature Biotechnology</i> , 2014, 32, 1146-1150.	9.4	718
5	Co-transcriptional DNA and RNA Cleavage during Type III CRISPR-Cas Immunity. <i>Cell</i> , 2015, 161, 1164-1174.	13.5	367
6	Conditional tolerance of temperate phages via transcription-dependent CRISPR-Cas targeting. <i>Nature</i> , 2014, 514, 633-637.	13.7	257
7	Dealing with the Evolutionary Downside of CRISPR Immunity: Bacteria and Beneficial Plasmids. <i>PLoS Genetics</i> , 2013, 9, e1003844.	1.5	227
8	Degradation of Phage Transcripts by CRISPR-Associated RNases Enables Type III CRISPR-Cas Immunity. <i>Cell</i> , 2016, 164, 710-721.	13.5	194
9	CRISPR-Cas: New Tools for Genetic Manipulations from Bacterial Immunity Systems. <i>Annual Review of Microbiology</i> , 2015, 69, 209-228.	2.9	160
10	CRISPR-Cas systems exploit viral DNA injection to establish and maintain adaptive immunity. <i>Nature</i> , 2017, 544, 101-104.	13.7	140
11	A Ruler Protein in a Complex for Antiviral Defense Determines the Length of Small Interfering CRISPR RNAs. <i>Journal of Biological Chemistry</i> , 2013, 288, 27888-27897.	1.6	123
12	Prokaryotic single-cell RNA sequencing by in situ combinatorial indexing. <i>Nature Microbiology</i> , 2020, 5, 1192-1201.	5.9	103
13	Impact of Different Target Sequences on Type III CRISPR-Cas Immunity. <i>Journal of Bacteriology</i> , 2016, 198, 941-950.	1.0	46
14	Incomplete prophage tolerance by type III-A CRISPR-Cas systems reduces the fitness of lysogenic hosts. <i>Nature Communications</i> , 2018, 9, 61.	5.8	37
15	Comprehensive Genome-wide Perturbations via CRISPR Adaptation Reveal Complex Genetics of Antibiotic Sensitivity. <i>Cell</i> , 2020, 180, 1002-1017.e31.	13.5	36